



AF/2862

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WENMM/SB/21 (12/00)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/211.538	
	Filing Date	December 15, 1998	
	First Named Inventor	Zhao	
	Group Art Unit	2862	
	Examiner Name	H. Andersen	
Total Number of Pages in this Submission	119	Attorney Docket Number	3064-128

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s) - Proposed Changes	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Submission of Second Substitute Specification
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Documents	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual Name	Brad A. Schepers, Reg. No. 45,431 Woodard, Emhardt, Naughton, Moriarty & McNett
Signature	
Date	April 18, 2001

Certificate of Mailing			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington D.C. 20231 on this date:			
Typed or printed name	Brad A. Schepers		
Signature		Date	April 18, 2001

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WENMM/5B/17 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**FEE TRANSMITTAL  
FOR FY 2001**

Patent fees are subject to annual revision.

**Complete if Known**Application Number **09/211,538**Filing Date **December 15, 1998**First Named Inventor **Zhao**Group Art Unit **2862**Examiner Name **H. Andersen**Attorney Docket Number **3064-128**Total Amount of Payment **(\$ 110.00)****METHOD OF PAYMENT**1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit  
Account  
Number**23-3030**Deposit  
Account Name**Woodard, Emhardt, Naughton, Moriarty & McNett**☒ Charge any Additional Fee Required  
Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status.  
See 37 CFR 1.27.2. ☒ Payment Enclosed:☒ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility Filing Fee	
106	320	206	160	Design Filing Fee	
107	490	207	245	Plant Filing Fee	
108	710	208	355	Reissue Filing Fee	
114	150	214	75	Provisional Filing Fee	
<b>SUBTOTAL (1) (\$)</b>					

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee From Below	Fee Paid
-20** =	X		
Independent Claims -3** =	X		
Multiple Dependent			

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$)**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	110
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other Fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ 110)****SUBMITTED BY**

Name (Print/Type)

**Brad A. Schepers**

Registration No.

**45,431**

(Attorney/Agent)

Telephone

**(317) 634-3456**

Signature

*Brad A. Schepers*

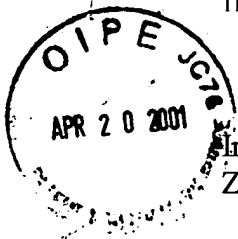
Date

**April 18, 2001**

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 202031.

115654



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:  
Zhao

) Before the Examiner  
) H. Andersen

Serial No.: 09/211,538

) Group Art Unit 2862

Filed December 15, 1998

) April 18, 2001

MAGNETIC ROTATIONAL  
POSITION SENSOR

) Our Ref: 3064-128  
)

Approved  
HSA 5/17/01

PROPOSED CHANGES TO THE DRAWINGS UNDER 37 CFR 1.121(a)(3)(ii)

Assistant Commissioner for Patents  
Washington, D.C. 20231  
Sir:

In response to the final Office Action dated January 17, 2001, please enter the following proposed changes to the drawings. Any necessary additional fees may be charged to, or overpayment credited to, Deposit Account No. 23-3030, but not to include payment of issue fees.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on:

April 18, 2001

(Date of Deposit)

Brad A. Schepers

Name of Registered Representative

  
Signature

April 18, 2001

Date of Signature

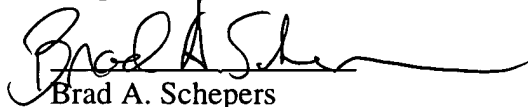
Proposed Changes to Drawings  
Serial No. 09/211,538  
Inventor: Zhao  
Our Ref.: 3064-128

#7  
Jb  
4/25/01

IN THE DRAWINGS:

The following drawing changes are proposed as shown in red ink in accordance with 37 CFR §1.121(a)(3)(ii). Four (4) pages of red-lined drawings are included herewith, corresponding to FIGS. 6B, 15A, 23A, 23B and 24C. Approval of the proposed drawing changes is respectfully requested.

Respectfully submitted,



Brad A. Schepers

Registration No.: 45,431

Woodard, Emhardt, Naughton, Moriarty  
& McNett

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